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June 1964

PHOTOGRAPHIC INTERPRETATION REPORT

UMAN MRBM COMPLEX, USSR
LAUNCH AREA NO 3

CIA



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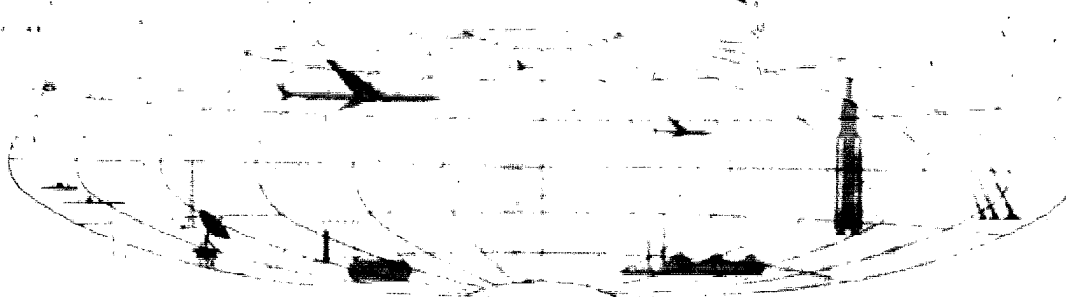
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UMAN MRBM COMPLEX, USSR

LAUNCH AREA NO 3

- 25X1A Launch Area No 1 (TDI name: Molodets-koye Launch Site) -- Type I
48-53-45N 30-27-45E [REDACTED]
- 25X1A Launch Area No 2 (TDI name: Mankovka Launch Site) -- Type I
48-57-45N 30-24-00E [REDACTED]
- 25X1A Launch Area No 3 (TDI name: Kishentsy Launch Site) -- Type IV
49-00-15N 30-13-15E [REDACTED]

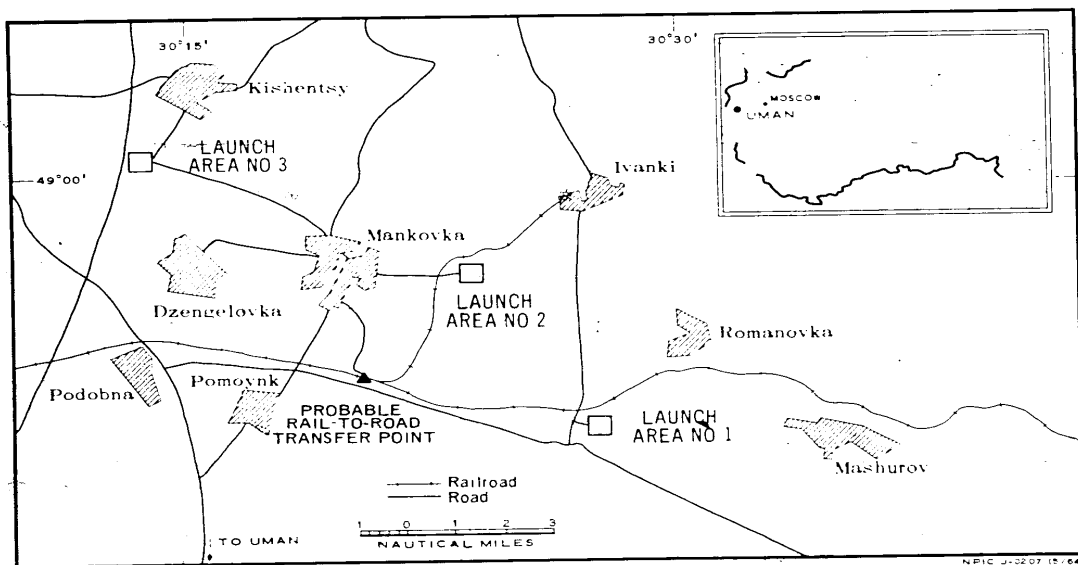


FIGURE 1. UMAN MRBM COMPLEX, USSR.

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25X1D This report, based on KEYHOLE photography of [REDACTED] updates that portion of NPIC/R-120/64 1/ pertaining to Launch Area No 3. Information on the remainder of the complex is given in the referenced report.

Launch Area No 3 lies in a rolling wooded area having an average elevation of 800 feet. An improved road connects the area with a probable rail-to-road transfer point located 2.6 nautical miles (nm) south of Mankovka and 6.6 nm southeast of the launch area. The probable transfer point consists of a rail yard having eight tracks at the widest point and eight associated warehouses. An unloading apron and road parallel its north side. Launch Areas No 1 and 2, both complete Type 1 launch areas, are located 11.3 nm southeast and 7.2 nm east-southeast, respectively, from Launch Area No 3 (Figure 1).

25X1D Launch Area No 3 was first observed in [REDACTED] at which time the launch site appeared to be in a midstage of construction and the site support facility complete. A probable receiving, inspection, and maintenance (RIM) building was present along the access road just north of the launch site. Subsequent coverage [REDACTED]

25X1D the launch site as complete and an additional building appeared alongside the probable RIM building. Also, on the latter two coverages small buildings appeared within the launch site on either side of the access road.

25X1D Larger scale KEYHOLE photography of [REDACTED] permits a more detailed examination of the launch area and missile transporters are observed for the first time within the launch site. The additional building seen alongside the RIM building on several former photographic missions has been removed.

The launch area comprises a hard launch site and soft site support facility situated approximately 5,000 feet apart but within the same forested tract. Both are secured and connected, although somewhat indirectly, by an improved road.

The launch site (Figure 2) consists of a double-fenced area 1,200 by 1,170 feet that is wooded except for the center portion about the launch silos and a parking area in the southeast quadrant. The access road enters the site on a 190-degree azimuth and terminates in a loop around a slightly mounded control bunker. A superficial road or continuance of the access road extends across the control bunker and through the remaining portion of the fenced site to connect with a surrounding road or forest cut line. Nine small gable-roofed buildings of an undetermined function are situated alongside the access road and continuance. These may constitute a deceptive

[REDACTED] ing area. The silo covers were all in a closed position in [REDACTED]. A structure, possibly mounted on each of the four silo covers, appears rectangular and has a slightly pitched roof. The ridge on the two forward silo cover structures and the one in the right rear are aligned in a north/south direction; the ridge on the remaining one is perpendicular to the other three or in an east/west direction. Outward of each silo and in a north/south direction is a prepared area approximately the size of a silo cover onto which the cover slides when in an open position. A small structure situated on the outer edge of this prepared area apparently serves as a silo cover stop. The typical silo cover tracks observed at other hard sites are not discernible, but this is probably because of snow cover. Situated in line with and just north of the southeastern silo

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cover is a canvas-covered probable missile transporter and in a clearing located south of the southeastern launch silo is a row of three probable missile transporters. Although the images of these probable missile transporters are not very definitive, their overall configurations and measurements are similar to those of an SS-4 missile transporter. Two possible vehicles are observed in the center portion of the site. One is parked alongside the canvas-covered probable missile transporter; the other is near the northeastern silo.

Three additional buildings are observed in the wooded portion west of the control bunker and an unidentified facility is located in each of the northwest and southwest corners of the launch site. The facility in the northwest quadrant consists of two objects positioned at the terminals of an earthen scar or conduit approximately 250 feet long and aligned in a north-northeast/south-southwest direction. A third object is midpoint along the line. Another earthen scar or road connects the center object with the access road. The facility in the southwest quadrant consists of roughly an X-shaped conduit or earth scar pattern with a small building at the terminals of the long axis (370 feet) and very small possible structures at the ends of the short axis (160 feet). A conduit extends from a large nearby building and connects with the intersection of the other two conduits or earth scars. No antennas are discernible at either of the two facilities. A guardhouse is situated at the north gate between the inner and outer fence. Approximately 500 feet north

of the launch site and to the west of the access road is a fenced installation containing a large rectangular probable RIM building and a cleared area of similar size that is positioned parallel to the building. Trees cover most of the area within the fence and separate the building and cleared area by about 60 feet. Previous stereo photographic coverage of the installation revealed a building on the site of the cleared area. A poorly defined road connects the installation with the access road.

The site support facility (Figure 3) is located approximately 5,000 feet to the southeast of the launch site, is fenced, and contains 27 buildings. A central heating plant located in the eastern portion supplies heat to the entire support facility, as evident from the mass network of steam pipelines. Administration and personnel quarters are provided by six barracks-type buildings and a messhall. Along the southern side of the support facility and on the loop road, a motor pool is located. In addition to a large garage and parking apron on the north side of the road there is a long row of parked vehicles and equipment along the south side. Although the quality of the photography is not sufficient to distinguish individual types of vehicles or equipment, approximate measurements of some of the vehicles can be determined. Seven possible trailers in a row measure [REDACTED] each and at least four appear to be attached to possible tractors or trucks which are [REDACTED]. In addition there are approximately 13 vehicles of undetermined size.

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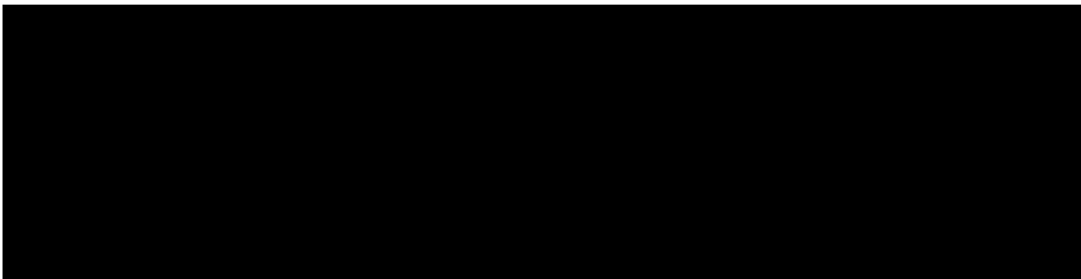
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REFERENCES



DOCUMENT

1. NPIC. R-120 '64, *Uman MRBM Complex, USSR*, Feb 64 (TOP SECRET RUFF)

MAPS OR CHARTS

- SAC. US Air Target Chart, Series 200, Sheet 0233-18HL, 3d ed, Aug 62, scale 1:200,000 (SECRET)
- SAC. US Air Target Chart, Series 200, Sheet 0233-19HL, 3d ed, Jun 62, scale 1:200,000 (SECRET)
- SAC. US Air Target Chart, Series 200, Sheet 0233-23HL, 2d ed, Aug 62, scale 1:200,000 (SECRET)
- SAC. US Air Target Chart, Series 200, Sheet 0233-24HL, 2d ed, Jul 62, scale 1:200,000 (SECRET)

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